

## SWP Water Quality Summary

August 12, 2005

**Total Dissolved Solids:** TDS at all locations ranged from 129 to 201 mg/l, however, their concentrations were below the Article 19 Ten Year Average Objective of 220 mg/l. There was an increase at all locations except Barker Slough. The greatest increase of 44 mg/l occurred at Check 29 followed by Check 41 and Vallecitos, however decrease of 32 mg/l was recorded at Barker Slough on August 10, 2005.

**Bromide concentrations:** Bromide had similar pattern as TDS increased at all locations except Barker Slough. The highest concentration of .13 mg/l occurred at Check 41 followed by Devil Canyon, Check 29, Vallecitos and Banks Pumping Plant (BPP). All locations had concentrations above CBDA objective of 0.05 mg/l.

**Turbidity:** Turbidity at all locations was below 20 NTU except at Barker Slough (52 mg/l). Turbidity decreased at all locations and ranged from 3 to 52 NTU.

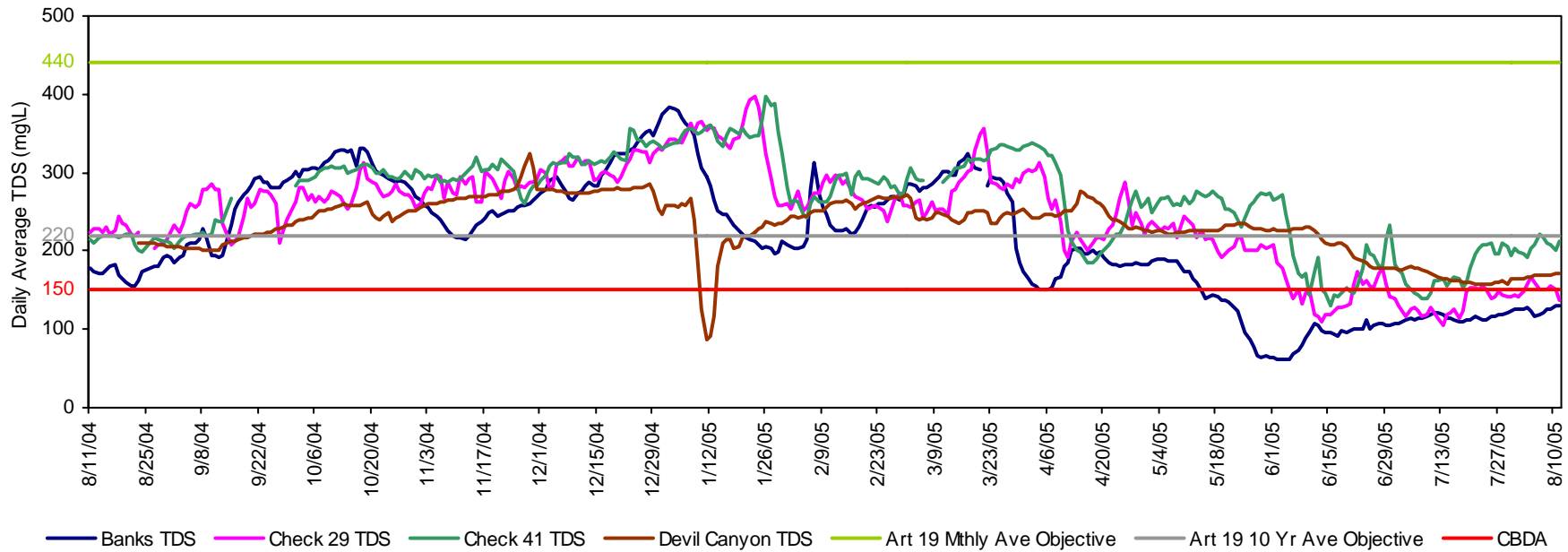
**Dissolved Organic Carbon:** DOC concentrations decreased at Banks Pumping Plant, but increased at Check 13. Concentrations at BPP and Check 13 ranged from 3.48 to 2.22 mg/l, and 2.65 to 2.89 mg/l, respectively. Concentrations at both locations were below the CBDA TOC Objective of 3 mg/l.

**Taste and Odor Compounds:** Taste and odor compounds (MIB and geosmin) remained low at San Luis Reservoir Intake, Pacheco Pumping Plant and Check 13, ranging from non – detected to 5 ng/l. Whereas, Clifton Court inlet MIB and geosmin were 38 and 7 ng/l while at the outlet MIB concentration was 109 ng/l.

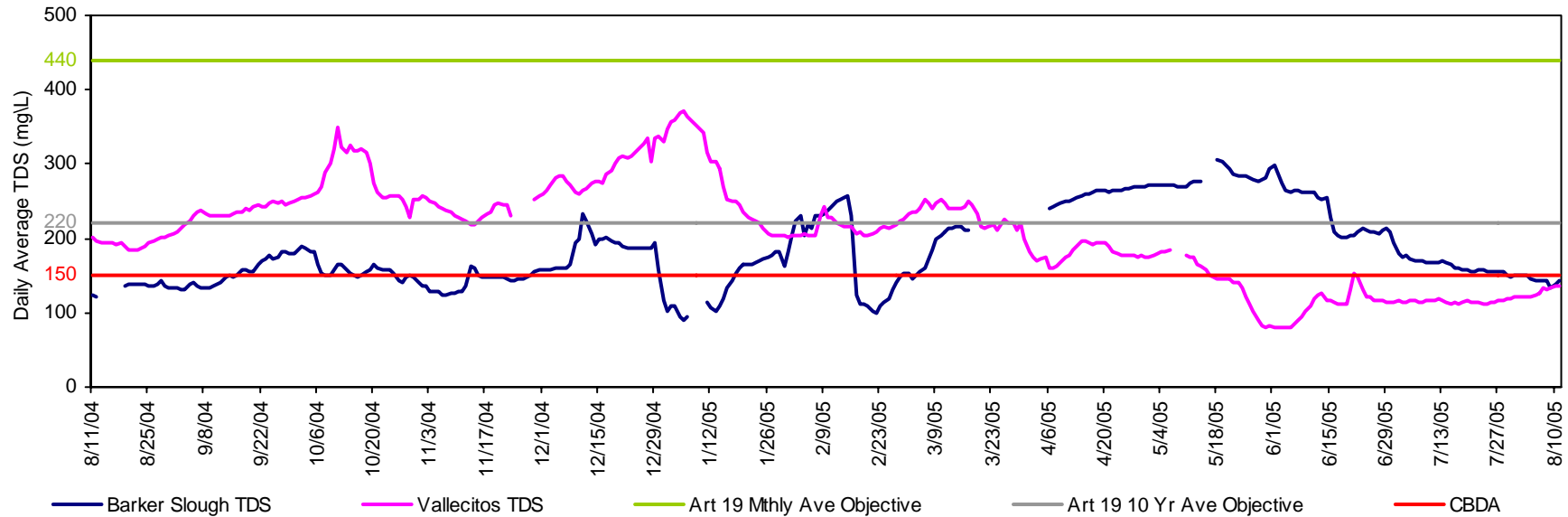
**Ground Water Pump-in:** None.

For more information refer to: <http://www.wmwa.water.ca.gov> and <http://www.dpla.ca.gov/supply/sampling/mwg/main.htm>

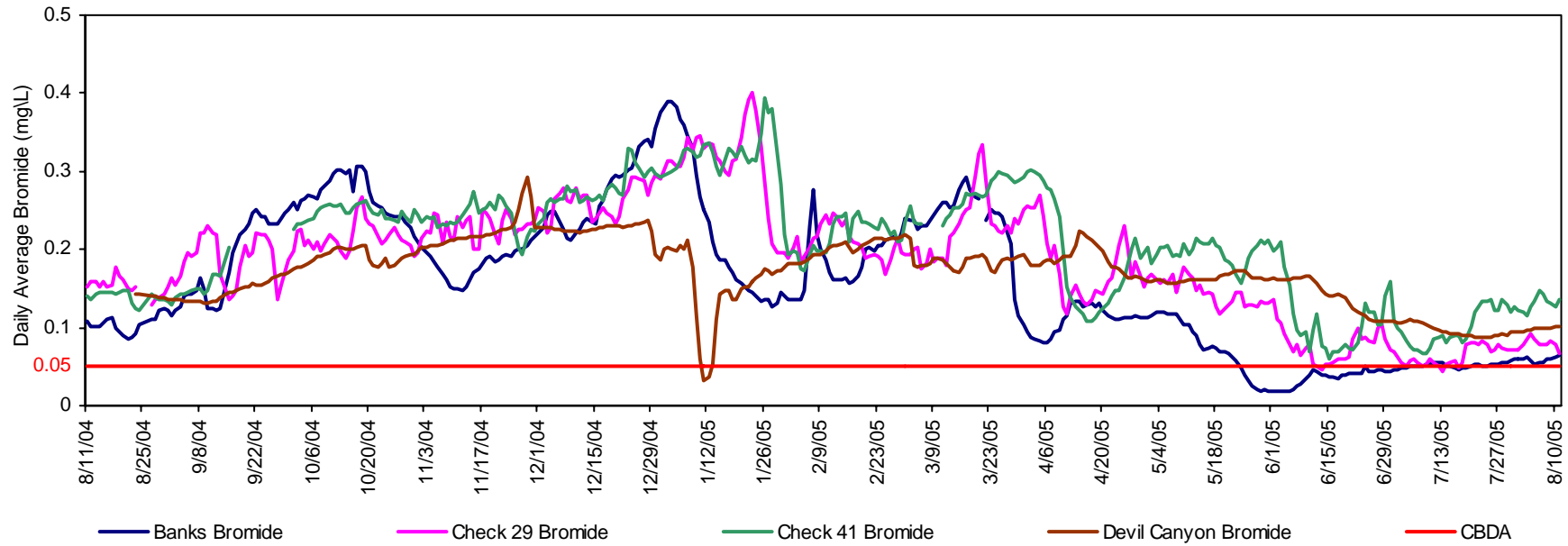
## California Aqueduct - Calculated Total Dissolved Solids



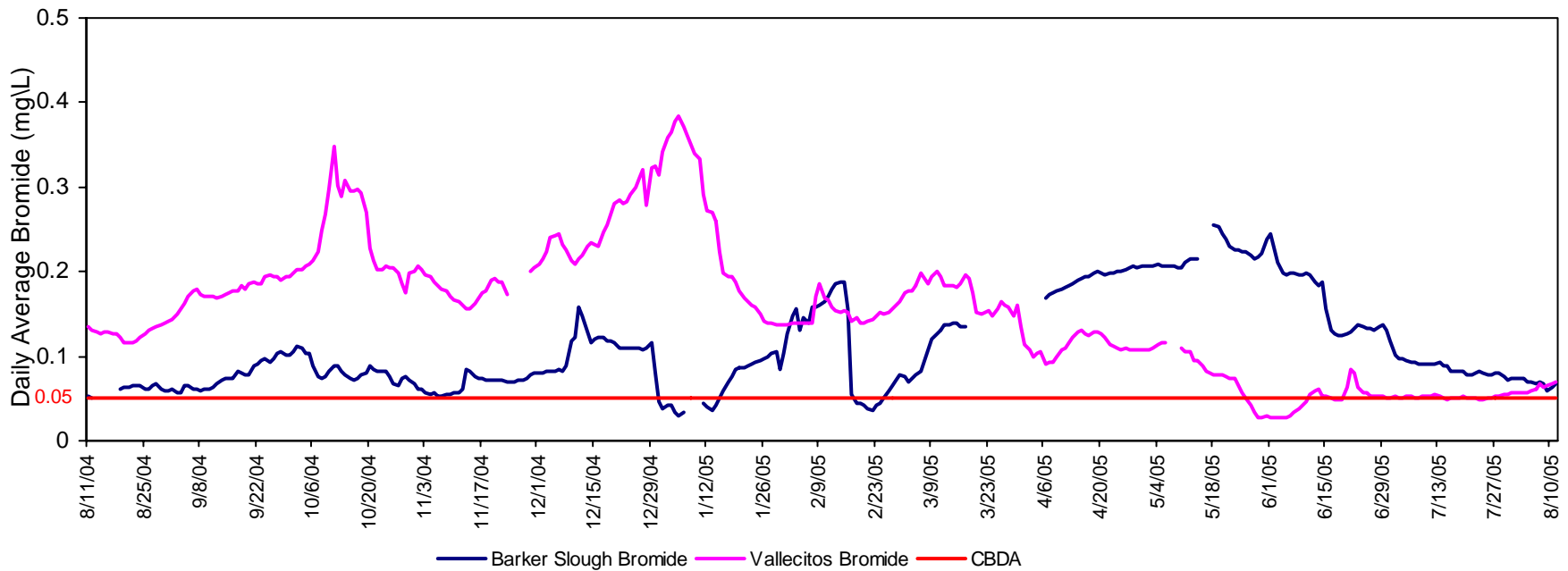
## North and South Bay Aqueduct - Calculated Total Dissolved Solids



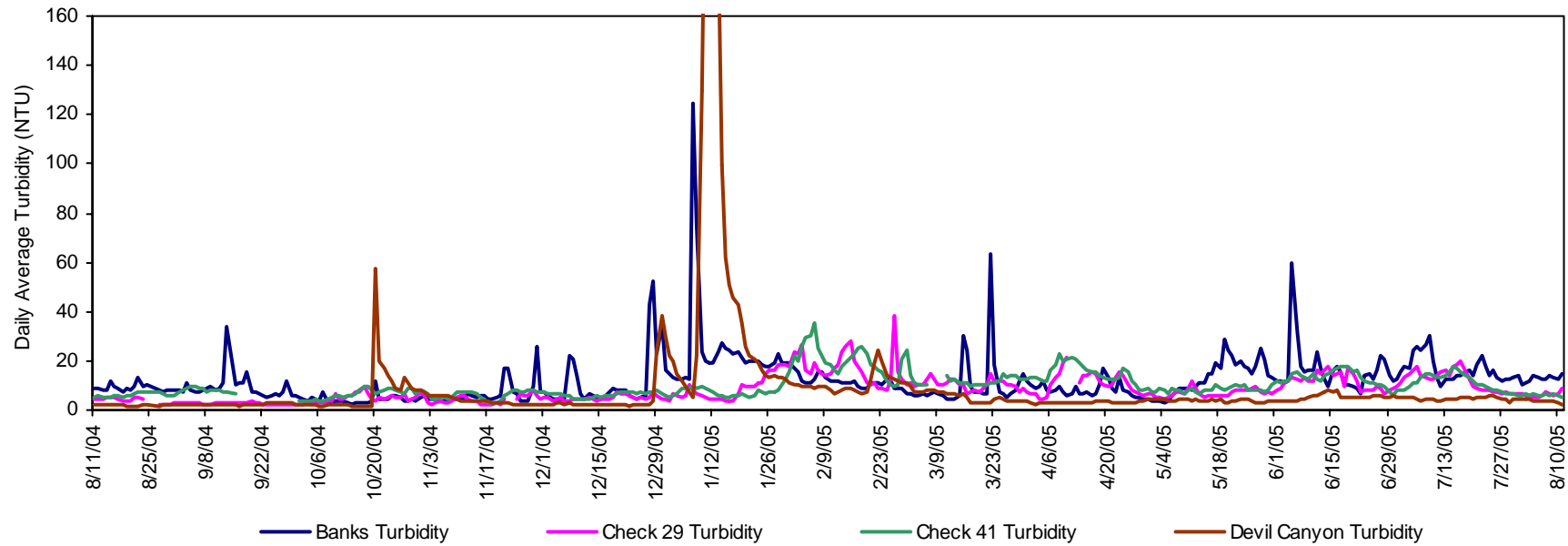
California Aqueduct - Calculated Bromide



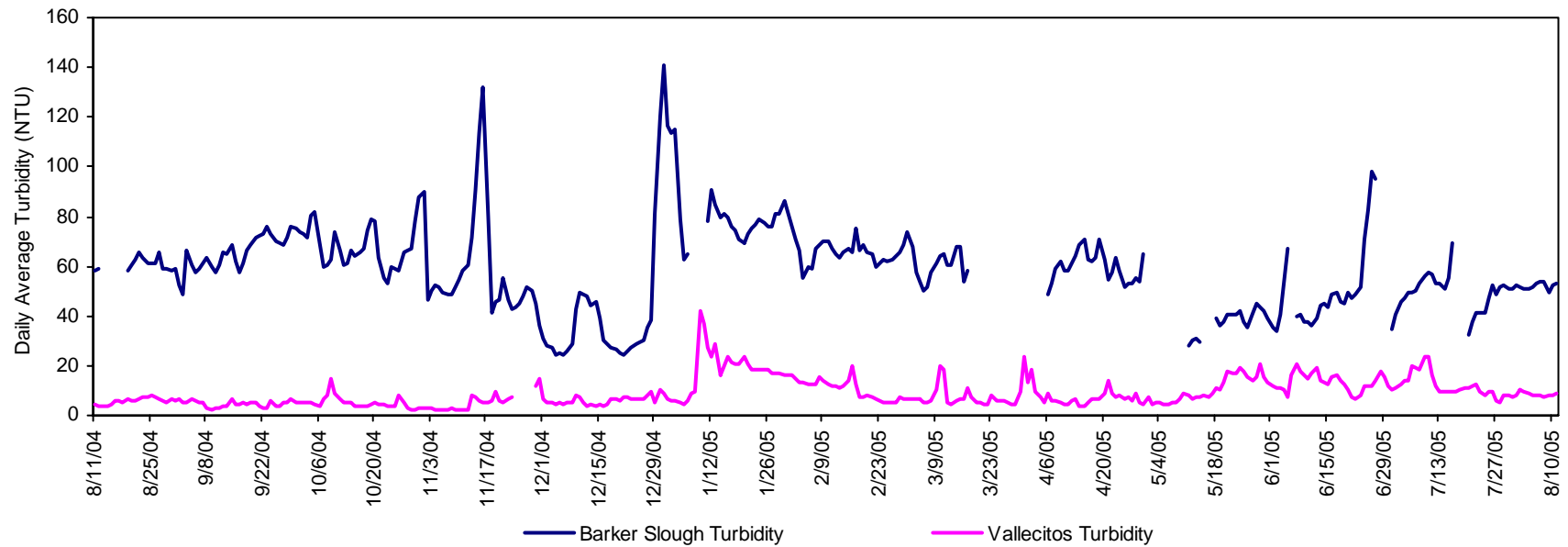
North and South Bay Aqueduct - Calculated Bromide



### California Aqueduct - Turbidity



### North and South Bay Aqueduct - Turbidity



# California Aqueduct Calculated Dissolved Organic Carbon

